FIG. 1

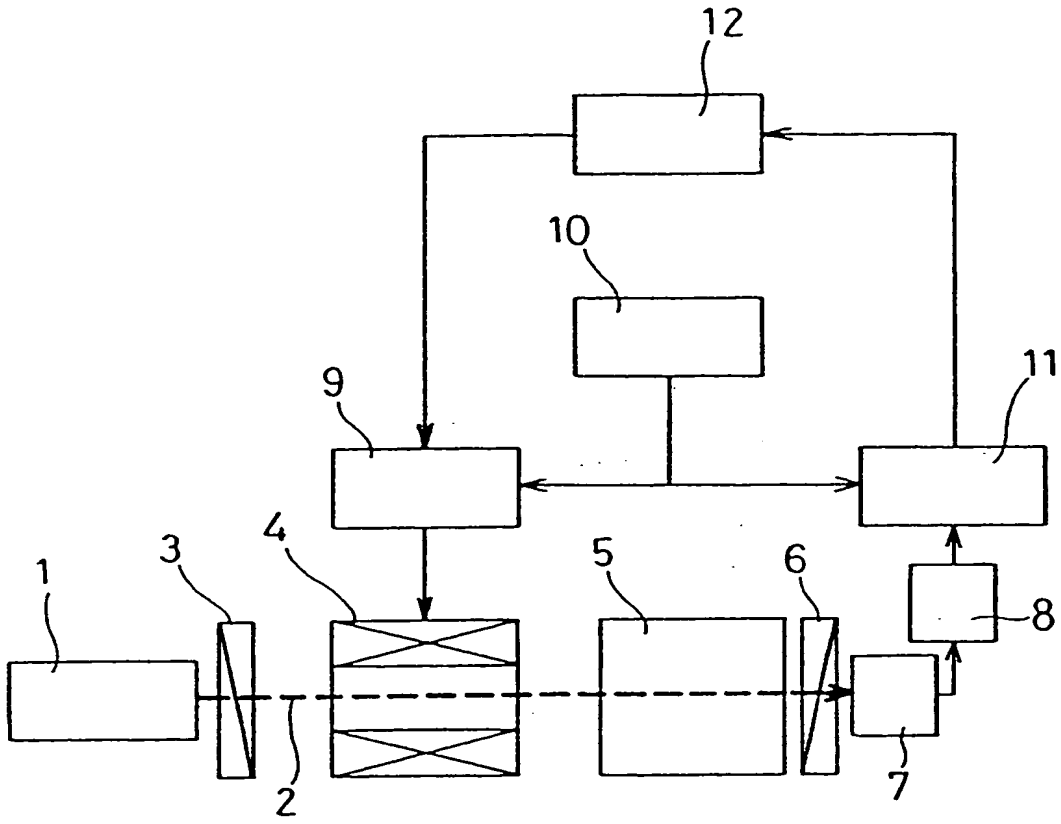


FIG. 2

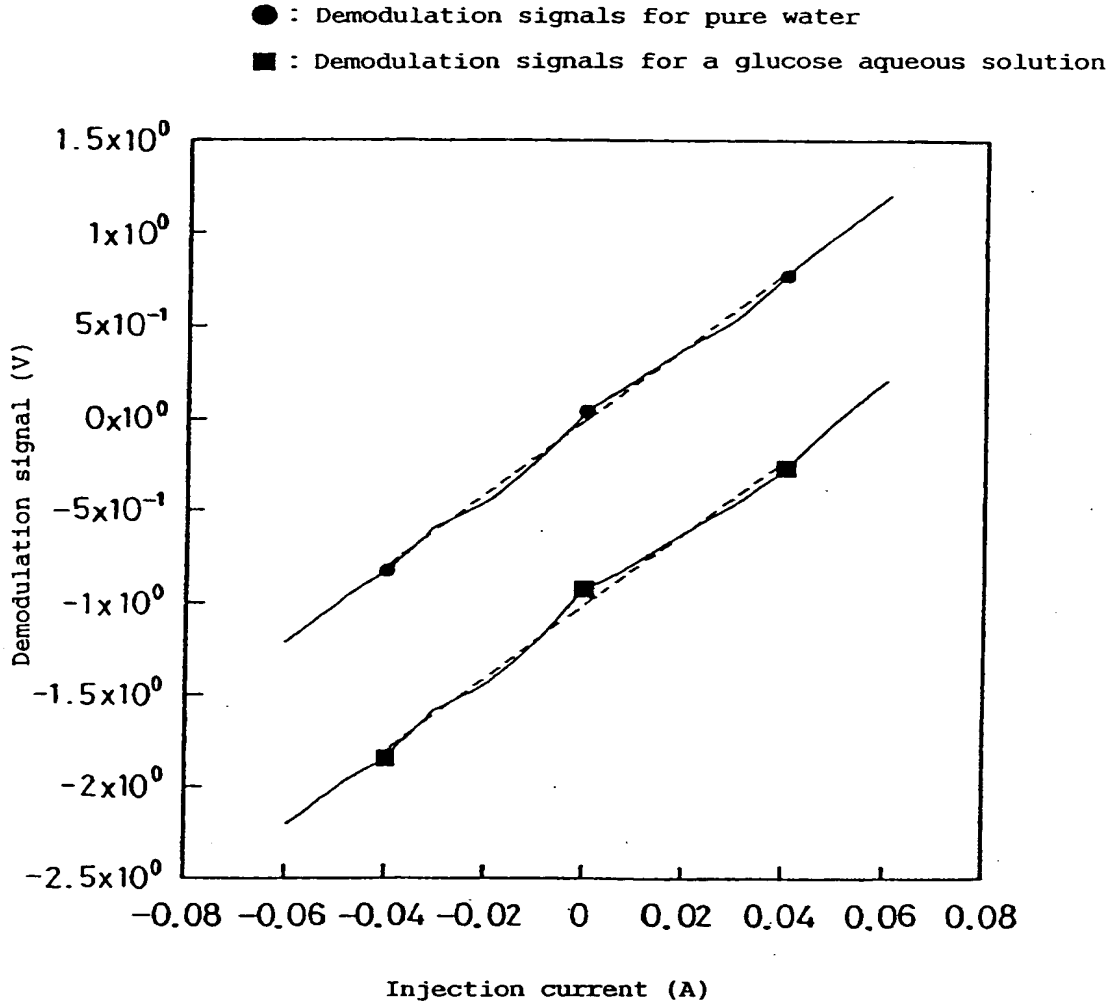

● : Demodulation signals for pure water
■ : Demodulation signals for a glucose aqueous solution
1.5x10⁰
1x10⁰
5x10⁻¹
0x10⁰
-5x10⁻¹
-1x10⁰
-1.5x10⁰
-2x10⁰
-2.5x10⁰
Demodulation signal (V)
-0.08 -0.06 -0.04 -0.02 0 0.02 0.04 0.06 0.08
Injection current (A)

FIG. 3

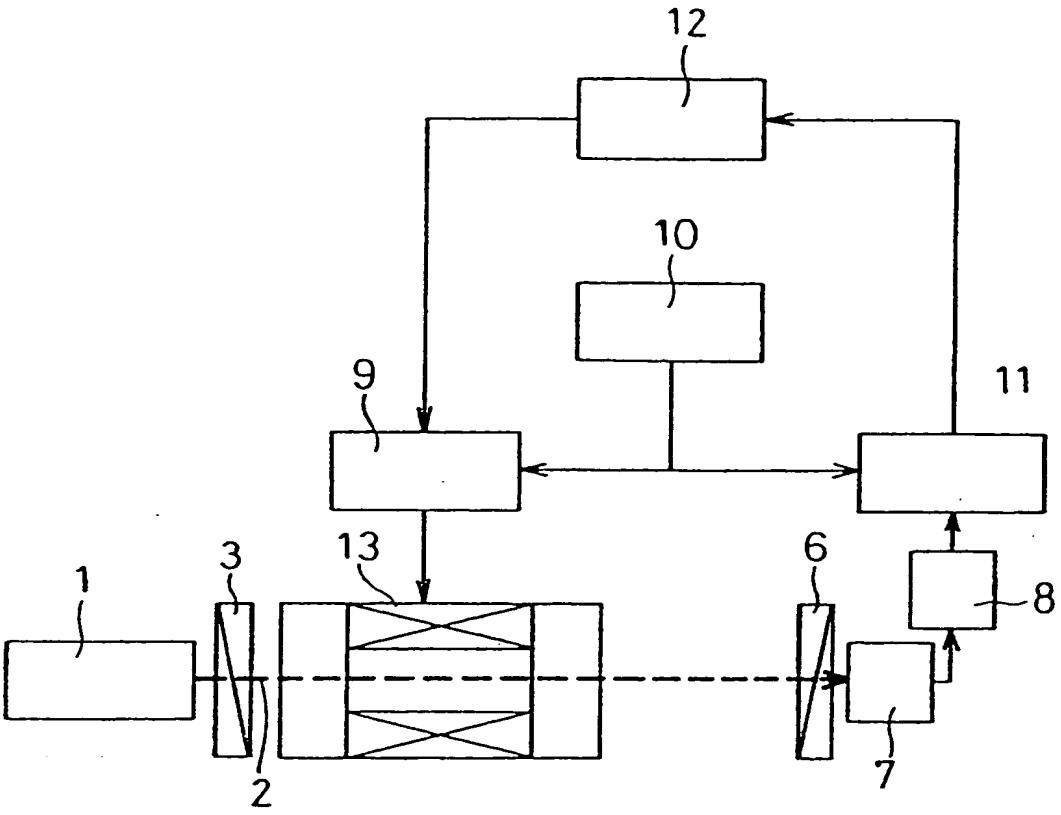


FIG. 4

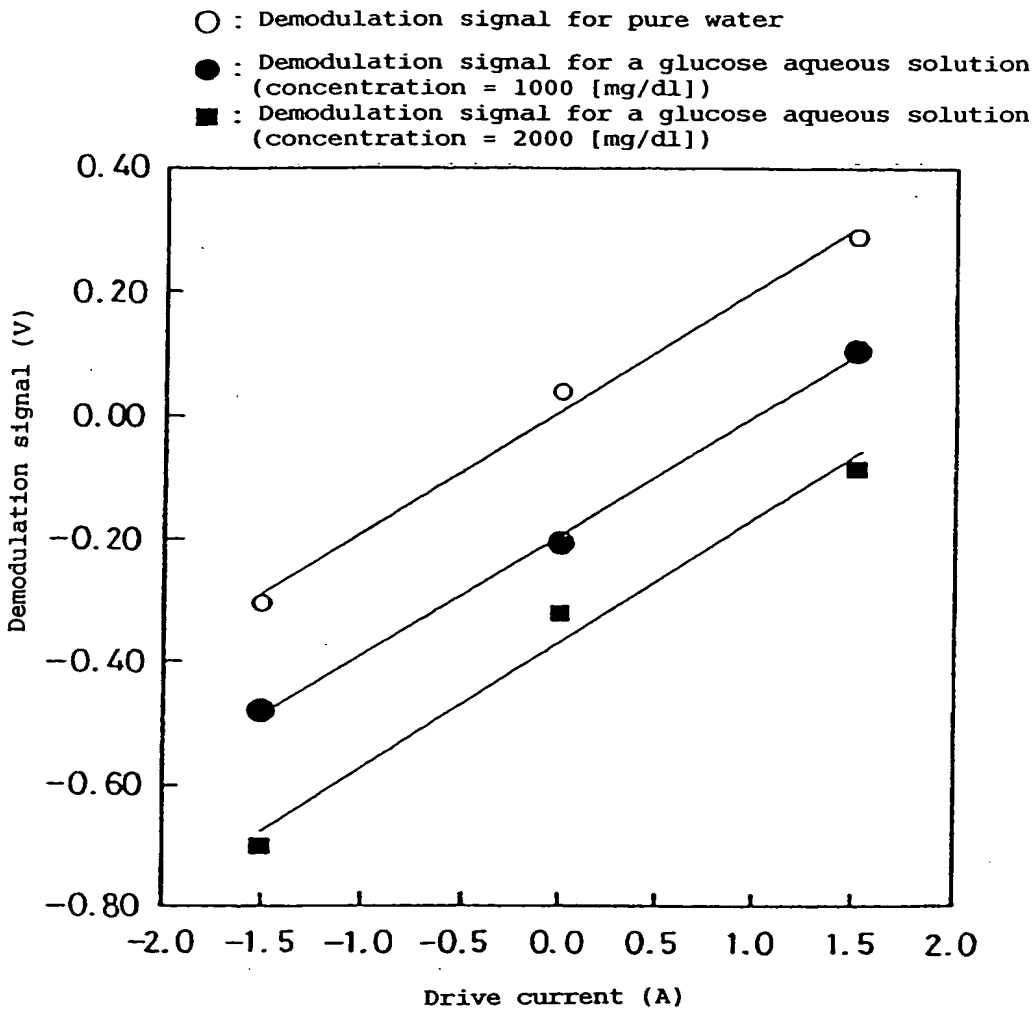

○ : Demodulation signal for pure water
● : Demodulation signal for a glucose aqueous solution (concentration = 1000 [mg/dl])
■ : Demodulation signal for a glucose aqueous solution (concentration = 2000 [mg/dl])
Demodulation signal (V)
0.40
0.20
0.00
−0.20
−0.40
−0.60
−0.80
−2.0
−1.5
−1.0
−0.5
0.0
0.5
1.0
1.5
2.0
Drive current (A)

FIG. 5

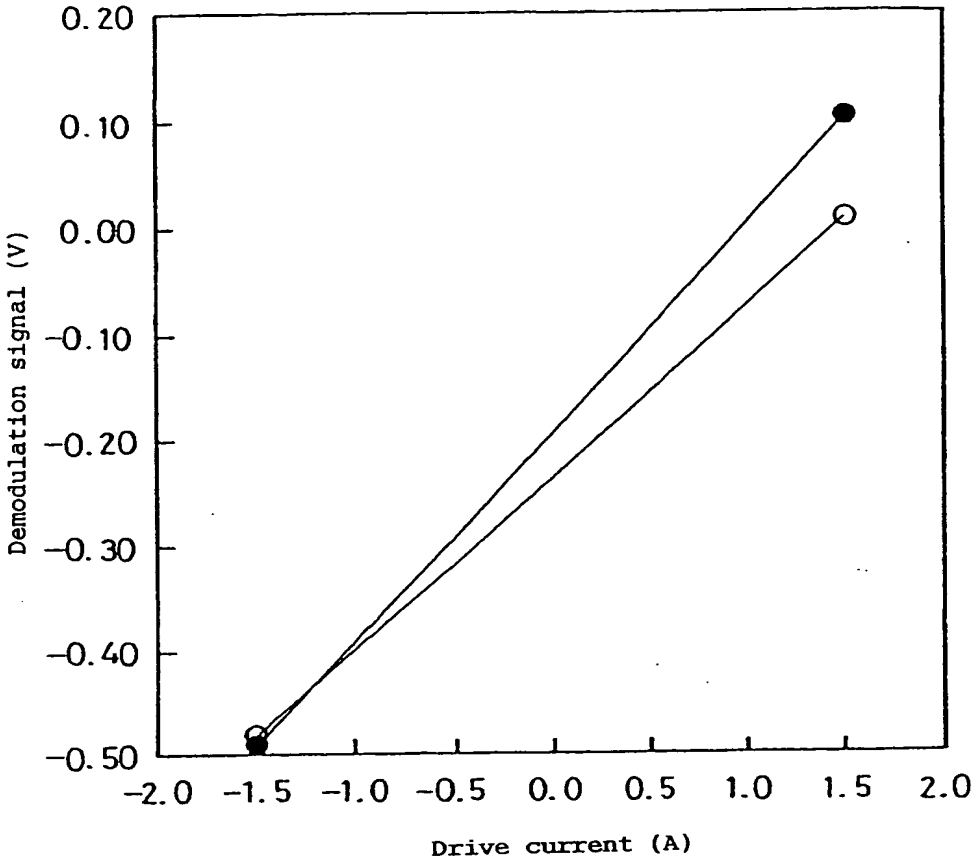

0.20
0.10
0.00
−0.10
−0.20
−0.30
−0.40
−0.50
Demodulation signal (V)
−2.0
−1.5
−1.0
−0.5
0.0
0.5
1.0
1.5
2.0
Drive current (A)

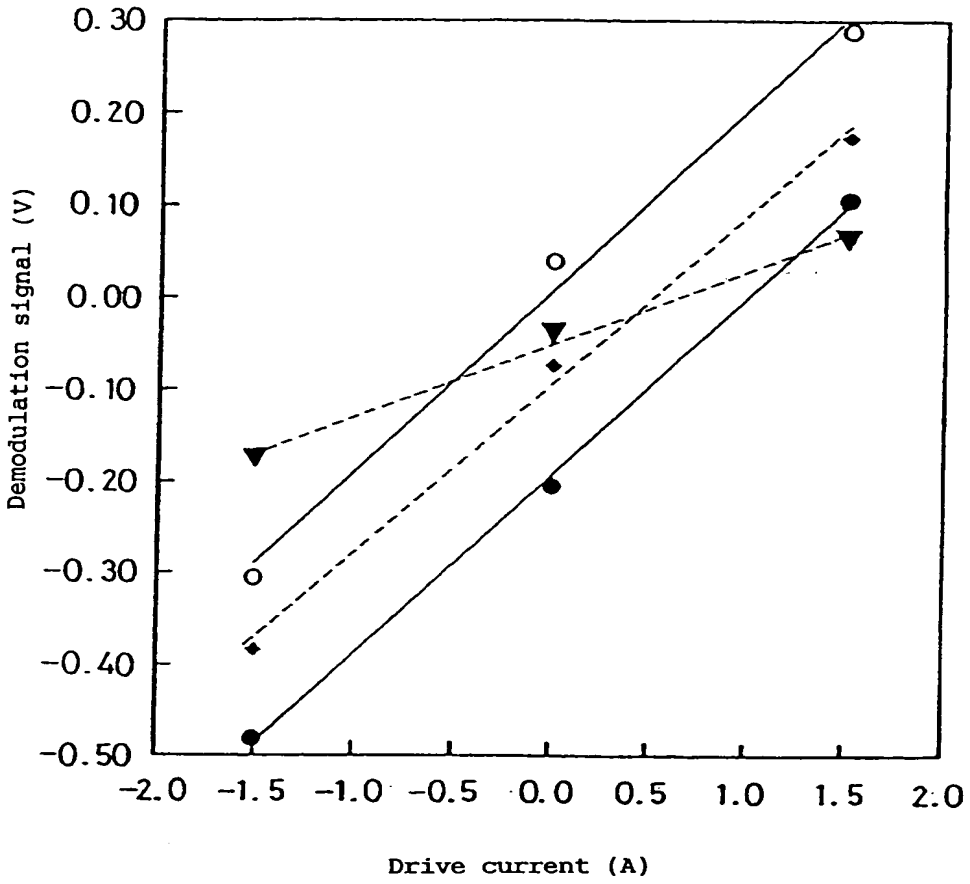
FIG. 6

○ : Demodulation signal for pure water

● : Demodulation signal for a glucose aqueous solution (concentration = 1000 [mg/dl])

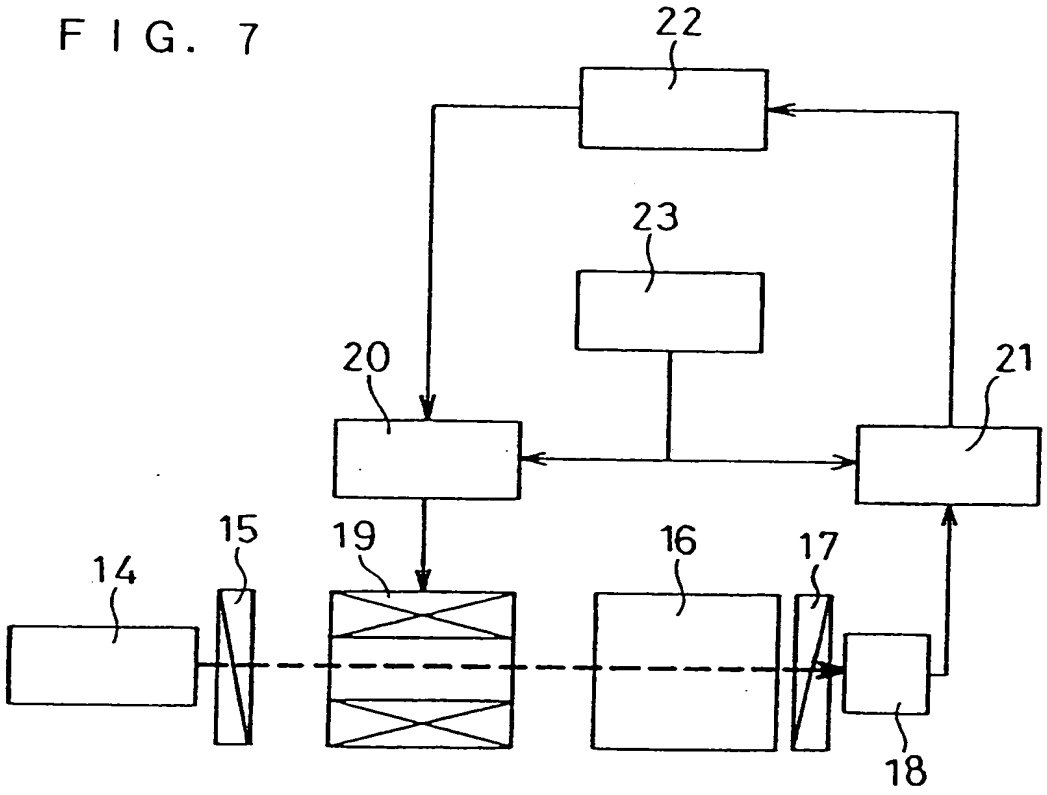
◆ : Demodulation signal for urine 1

▼ : Demodulation signal for urine 2




JP2004-057260A

FIG. 7




PRIOR ART

FOR EXAMINATION PURPOSES ONLY

A

O.K
09/07/03